

SHEET 1 OF 5

<b>FORM PTO - 1449</b>				<b>ATTORNEY DOCKET NO.: ZOG-009</b>						
<b>INFORMATION DISCLOSURE STATEMENT</b>				APPLICANTS: Michael Halle et al.						
				SERIAL NO.: Not yet assigned						
				FILING DATE: December 12, 2001						
				GROUP: Not yet assigned						
<b>U.S. PATENT DOCUMENTS</b>										
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE			
OSA	A1	3,503,315	3/31/70	de Montebello	95	18	12/12/66			
OSA	A2	3,530,779	9/29/70	Alofs	95	18	12/1/66			
OSA	A3	3,584,369	<del>6/5/71</del> 6/15/71	De Montebello	29	458	10/11/67			
OSA	A4	3,613,539	10/19/71	Dudley	95	18	7/26/68			
OSA	A5	3,675,553	7/11/72	Dudley	95	18 P	10/12/70			
OSA	A6	3,676,130	7/11/72	Burckhardt et al.	96	40	11/26/69			
<b>FOREIGN PATENT DOCUMENTS</b>										
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)	
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>										
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)									
OSA	C1	Halle, Michael, <i>Autostereoscopic Displays and Computer Graphics</i> , Surgical Planning Laboratory, Department of Radiology, Brigham and Women's Hospital, 1997								
OSA	C2	Halle, Michael, <i>Multiple Viewpoint Rendering</i> , Brigham And Women's Hospital, 1998								
OSA	C3	Levoy, M. and Hanrahan, P., <i>Light Field Rendering</i> , Stanford University, Proc. ACM SIGGRAPH 1996								
OSA	C4	Isaksen, A., McMillan, L., and Gortler, S., <i>Dynamically Reparameterized Light Fields</i> , MIT/Harvard University, ACM SIGGRAPH January 2001								
OSA	C5	Nakajima, S., Nakamura K., Masamune K., Sakuma I., and Dohi T., <i>Three-dimensional medical imaging display with computer-generated integral photography</i> , Computerized Medical Imaging Graphics, 2001; 25(3):235-41								
EXAMINER		Lynise S. Allen				DATE CONSIDERED				2/20/03

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<b>INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT(S): Michael Halle et al.</b>					
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<b>U.S. PATENT DOCUMENTS</b>									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>NSA</i>	A7	3,683,773	8/15/72	Dudley	95	18	7/26/68		
<i>NSA</i>	A8	3,706,486	12/19/72	de Montebello	350	167	8/27/70		
<i>NSA</i>	A9	4,128,324	12/5/78	Seeger	354	112	12/8/76		
<i>NSA</i>	A10	4,552,442	11/12/85	Street	354	112	3/30/83		
<i>NSA</i>	A11	4,668,063	5/26/87	Street	354	112	9/28/84		
<i>NSA</i>	A12	4,732,453	3/22/88	de Montebello et al.	350	130	12/10/84		
<b>FOREIGN PATENT DOCUMENTS</b>									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<i>NSA</i>	C6	Naemura, T., and Harashima, H., <i>Ray-based Approach to Integrated 3-D Visual Communication</i> , SPIE Critical Reviews CR76, pp. 282-303							
<i>NSA</i>	C7	Naemura, T., Yoshida, T., and Harashima, H., <i>3-D computer graphics based on integral photography</i> , journal of the Optical Society of America, Vol. 8 No.2, Feb. 2001							
<i>NSA</i>	C8	Okano, F., Hoshino H., Arai J., Misuho Y., and Yuyama I., <i>Integral three-dimensional video system</i> , SPIE Critical Review CR76, pp.90-116							
<i>NSA</i>	C9	Okano, F., Hoshino H., Arai J., and Yuyama I., <i>Real-time pickup method for three-dimensional image based on integral photography</i> , <del>SPIE Critical Review CR76, pp.90-116</del> NHK Laboratories Note No. 451							
<i>NSA</i>	C10	Min, S., Jung S., Park J., and Lee, B., <i>Three-dimensional display system based on computer-generated integral photography</i> , Proceeding of SPIE Vol. 4297, pp. 187-195, 2001							
EXAMINER <i>R. J. Allen</i>				DATE CONSIDERED <i>2/20/03</i>					

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## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: ZOG-009

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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SSA	A13	4,747,667	5/31/88	Tanaka et al.	350	167	5/7/86
SSA	A14	4,757,350	7/12/88	Street	355	22	3/17/87
SSA	A15	5,083,199	1/21/92	Börner	358	88	6/18/90
SSA	A16	5,270,859	12/14/93	Wirth et al.	359	622	1/30/92
SSA	A17	5,278,608	1/11/94	Taylor et al.	355	22	5/19/92
SSA	A18	5,279,912	1/18/94	Telfer et al.	430	17	5/11/92

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
SSA	C11	Van Nuland, Eric, <i>Solid State Volumetric Display Projecting 3D Objects in Space</i> , Proceeding of SPIE Vol. 4297, pp. 236-250, 2001							
SSA	C12	Price, M. and Thomas, G., <i>3D Virtual Production and Delivery Using MPEG-4</i> , International Broadcasting Convention (IBC 2000), Amsterdam, 8-12 September.							
SSA	C13	C-H Chen and A.R.L. Travis, <i>Wide Field of View Optics for Flat Panel 3D Displays</i> , Journal of the Society of Information Display (SID), Engineering Department, University of Cambridge, UK, 1999							

EXAMINER

Christine A. Allen

DATE CONSIDERED

2/20/03

<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>				ATTORNEY DOCKET NO.: ZOG-009  APPLICANT(S): Michael Halle et al.  SERIAL NO.: Not yet assigned  FILING DATE: December 12, 2001  GROUP: Not yet assigned				
<b>U.S. PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>SA</i>	A19	5,373,335	12/13/94	Street	354	112	11/1/91	
<i>SA</i>	A20	5,465,175	11/7/95	Woodgate et al.	359	463	11/10/93	
<i>SA</i>	A21	5,557,432	9/17/96	Yokota	359	41	4/28/94	
<i>SA</i>	A22	5,579,164	11/26/96	Chapnik	359	618	11/12/93	
<i>SA</i>	A23	5,717,453	2/10/98	Wohlstadter	348	46	6/7/95	
<i>SA</i>	A24	5,757,545	5/26/98	Wu et al.	359	463	5/24/96	
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>								
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
EXAMINER	<i>Denise S. Allen</i>			DATE CONSIDERED <i>2/20/03</i>				

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APPLICANT(S): Michael Halle et al.

SERIAL NO.: Not yet assigned

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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>MA</i>	A25	5,933,276	8/3/99	Magee	359	455	5/18/98
<i>MA</i>	A26	6,288,842 B1	9/11/01	Florczak et al.	359	619	2/22/00

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

## OTHER ART, JOURNAL ARTICLES, ETC.

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OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)


EXAMINER

*Denise J. Allen*

DATE CONSIDERED

*2/20/03*



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<b>FORM PTO - 1449</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				ATTORNEY DOCKET NO.: ZOG-009 (8805/13) APPLICANTS: Halle <i>et al.</i> SERIAL NO.: 10/021,743 FILING DATE: December 12, 2001 GROUP: 2873					
<b>U.S. PATENT DOCUMENTS</b>									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>SSA</i>	A27	4,331,380	05/25/82	Rees <i>et al.</i>	350	96.25	05/21/80		
<i>SSA</i>	A28	4,405,207	09/20/83	Kay	350	320	01/12/81		
<i>SSA</i>	A29	4,571,022	02/18/86	Lama <i>et al.</i>	350	96.25	04/10/84		
<i>SSA</i>	A30	4,589,736	05/20/86	Harrigan <i>et al.</i>	350	413	11/23/84		
<b>FOREIGN PATENT DOCUMENTS</b>									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>SSA</i>	B1	01/71410	09/27/01	WO	—	—	03/16/01	No	Yes
	B2	43 01 477	12/23/93	DE	—	—	01/21/93	No	No
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
EXAM. INIT.	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
EXAMINER	<i>Denise J. Allen</i>				DATE CONSIDERED <i>2/20/03</i>				

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